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### Basic Imagery Interpretation Report



**NATIONAL PHOTOGRAPHIC** INTERPRETATION CENTER

25X1

## **DUDINKA TROPOSCATTER FACILITY**

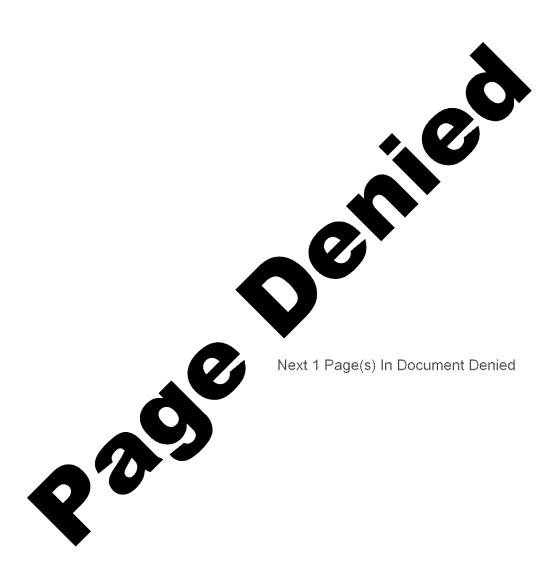
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DEPLOYED COMM/ELEC/RADAR FACILITIES **USSR** FEBRUARY 1969

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	Approved For Release 2007/0 <del>2/09 : CIA-RDP78T04</del> 563A00910 <u>909</u> 1390371369  TOP SECRET	25X <sup>-</sup> 25X <sup>-</sup>
	INSTALLATION OF ACTIVITY NAME  UR  Dudinka Troposcatter Facility	
	NA GEOGRAPHIC COORDINATES  NA 69-22-45N 087-06-30E  MAPREFERENCE At The proof Chart 200 Sheet M048-20HL, 3d ed, Dec 65, Scale 1:200,000	25X <sup>-</sup>
1,48 <u>2</u>  7	(SECRET  INTEGRATION DATE (If required)  NA	
	ABSTRACT	
	The Dudinka Troposcatter Facility is one of 45 photographs relay points within the Siberian Arctic Troposcatter Communications Network, also known as the Gorizant system. The function of this facility apparently is to provide reliable communications throughout the Siberian region of the USSR. When completed, the facility will have two Type IIA antennas propagating east, two Type IIA antennas propagating west, and two Type II antennas propagating south.  INTRODUCTION  The Dudinka Troposcatter facility is 19 nautical miles (nm) east of Dudinka and 23 nm west of Norilsk at an elevation of 330 feet (Figure 1). It is a relay point for east-west/north-south troposcatter communications within the Soviet	
	Gorizant troposcatter network.  BASIC DESCRIPTION	
25X1	The unsecured facility contains one pair (two antennas) of Type II troposcatter antennas and two pairs (four antennas) of Type IIA troposcatter antennas.  The Type II antennas have a propagation azimuth of and a correspondent at Igarka. 1/ One pair of the Type IIA antennas has one antenna complete and the other under construction. The propagation azimuth is with a possible correspondent in the Gyda area, although the correspondent has not been photographically observed. The other pair though the correspondent has one antenna complete and the other under conformation of Type IIA antennas also has one antenna complete and the other under conformation.	25X1
	of Type IIA antennas also has one antenna complete and struction. The propagation azimuth of these two antennas could not be projected, but the correspondent is probably in Volchanka.	25X <sup>-</sup>

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FIGURE 1. DUDINKA TROPOSCATTER FACILITY.

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	t buildings consist of one transmitter building, and two measuring The major support ould not be identified, but is probably in either the town	
tures. Onph	two more possible antennas were under construction.  phy revealed that two type IIA antennas had been con-	
Structed and two many	REFERENCES	
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ACIC. US Air Target Cl	Soviet Troposcatter Communications Facilities, Aug 67 (TOP SECRET)	
ACIC. US Air Target Cl.  DOCUMENT  1. NPIC.		
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